

Roll No.

Total No. of Pages : 02

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B.Sc. (Artificial Intelligence and Machine Learning) (Sem.-2)

ENVIRONMENTAL SCIENCE

Subject Code : EVS102-18

M.Code : 79862

Date of Examination : 12-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a) Why is public awareness important in environmental management?
- b) What are the components of ecosystem?
- c) What is a food web?
- d) List **any four** threats to forest ecosystem.
- e) Why is conservation of biodiversity important?
- f) List any four health effects of Soil Pollution.
- g) What is a natural disaster? List any two disaster mitigation measures.
- h) How does 'acid rain' occur?
- i) Why is 'rising of sea level' an environmental disaster?
- j) How do you think AI/ML useful in environmental management?

SECTION-B

2. Explain the structure and functioning of an aquatic ecosystem.
3. Explain the phenomenon of global warming and India's efforts to control it.
4. Compare the renewable and non-renewable energy sources with the help of examples.
5. Discuss the causes, effects and control of noise pollution.
6. Explain, why India is considered a mega biodiversity nation? List the biodiversity hot spots of India.
7. "*Green revolution in Punjab was associated with environmental issues*". Identify and discuss the different environmental problems faced by the state as a result of extensive agricultural activities.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.